UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

GROUND-WATER LEVELS IN ARKANSAS, SPRING 1985

By Joe Edds and James L. Spencer

Open-File Report 85-478

Prepared in cooperation with the

ARKANSAS GEOLOGICAL COMMISSION

Little Rock, Arkansas

1985

UNITED STATES DEPARTMENT OF THE INTERIOR

DONALD PAUL HODEL, Secretary

GEOLOGICAL SURVEY

Dallas L. Peck, Director

For additional information write to:

U.S. Geological Survey
Water Resources Division
2301 Federal Office Building
Little Rock, Arkansas 72201

Arkansas Geological Commission
3815 West Roosevelt
Little Rock, Arkansas 72204

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CONVERSION FACTORS

For use of readers who prefer to use metric units, conversion factors for terms used in this report are listed below:

Multiply	By	To obtain
foot (ft)	0.3048	meter (m)
mile (mi)	1.609	kilometer (km)

GROUND-WATER LEVELS IN ARKANSAS, SPRING 1985

By Joe Edds and James L. Spencer

ABSTRACT

The report contains 662 ground-water level measurements made in observation wells in Arkansas in the spring of 1985. In addition, the report contains well hydrographs relating to the Quaternary aquifer and the Sparta Sand aquifers, the most important aquifers with respect to ground-water availability and use in Arkansas.

INTRODUCTION

This report contains records of water-level measurements from wells in Arkansas that compose the statewide observation-well network maintained by the U.S. Geological Survey, in cooperation with the Arkansas Geological Commission. The observation-well network is designed to provide data for evaluation of the regional trend of water-level changes in each of the principal water-bearing formations or aquifers that are tapped by wells in the State.

Water-level measurements listed in the report were made during March, April, and May 1985. The data are listed by aquifer, then by county. For additional information on the hydrologic properties of the aquifer, the reader is referred to reports listed in the selected references section of the report.

Also included in the report are water-level hydrographs for the aquifer in the Quaternary deposits and the Sparta Sand - which are important aquifers in Arkansas for water availability and use. The water-level hydrographs (figs. 1 and 2) show long-term trends in water levels in selected wells completed in the two aquifers.

The Sparta Sand aquifer is located in the south-central part of Arkansas. Near 35° latitude, a facies change in the Cane River Formation occurs, and the Sparta Sand becomes the upper part of the Memphis Sand aquifer (Hosman and others, 1968). Since water levels in the Sparta Sand aquifer are correlative with those in the Memphis Sand aquifer, water level data from the two aquifers are grouped together in table 3.

DATA

Table headings used in the report are defined as follows:

Well number: Township, range, and section number designation of well.

Altitude of land surface: Altitude of the land surface at the well, in feet above the National Geodetic Vertical Datum of 1929 (sea level).

Depth to water below land surface: Measured depth to water, in feet below land surface. A plus (+) preceding the depth-to-water value indicates the water level is above land surface.

Altitude of water level: Altitude of water level above or below (-) the National Geodetic Vertical Datum of 1929 (sea level), rounded to the nearest foot.

Net change in water level: Difference between 1984 and 1985 depth-to-water measurements and difference between 1980 and 1985 measurements. Symbol preceding number indicates a decline (-) or a rise (+) in water levels in the well during the period unless specified differently under "Remarks."

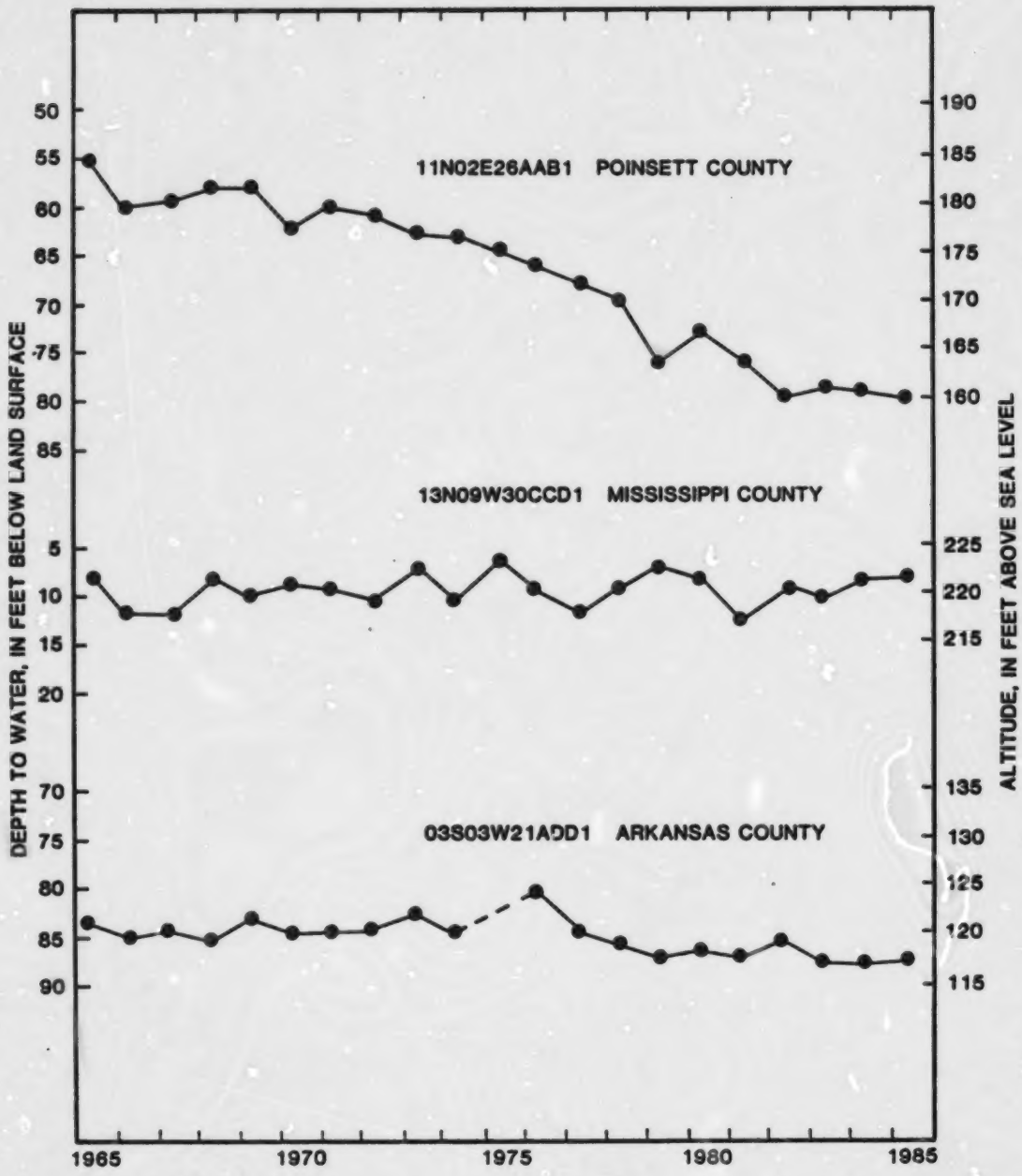

Figure 1.--Water-level hydrographs for selected wells completed in Quaternary deposits.

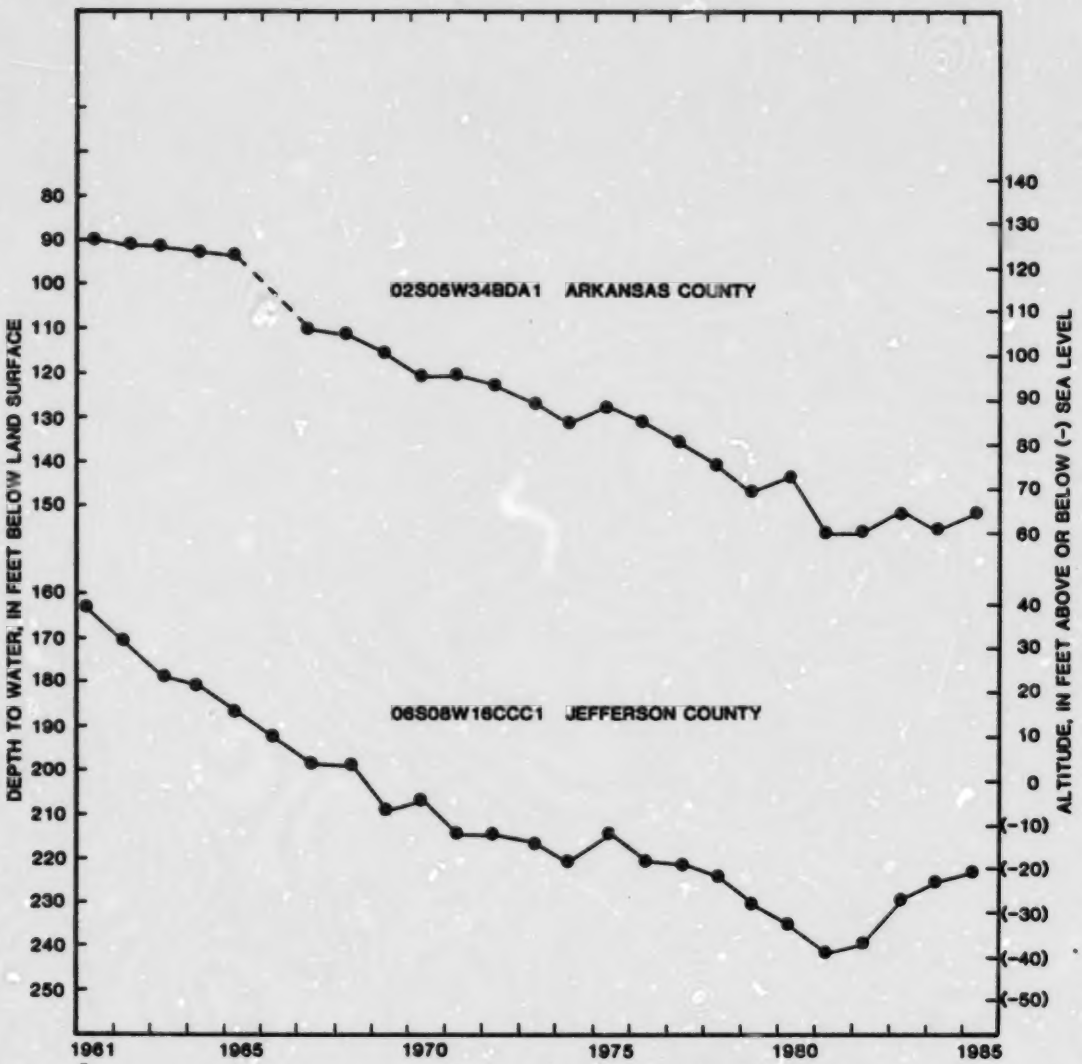

Figure 2. sheet 1 of 2.--Water-level hydrographs for selected wells completed in the Sparta Sand.

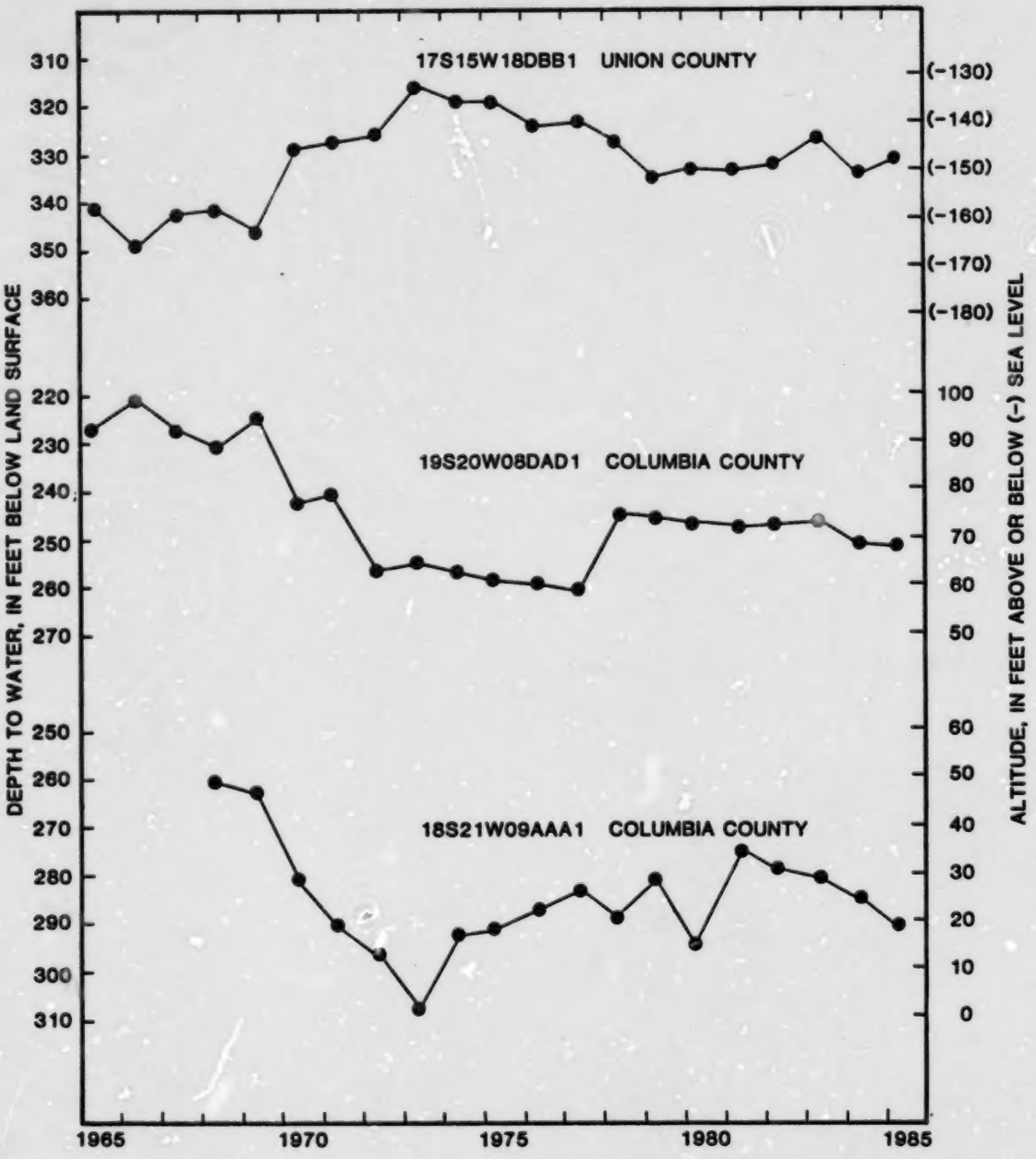

Figure 2. sheet 2 of 2.--Water-level hydrographs for selected wells completed in the Sparta Sand.

Remarks: (Year)-1985. This indicates the time interval for net-change value where water-level data are not available for the 5 year interval.

Depth of well data are not given in this report. However, a qualitative distinction generally is made locally for describing well depths. Thus, wells tapping the alluvial aquifer are considered to be "shallow wells," whereas wells tapping other aquifers are considered to be "deep wells."

WELL-NUMBERING SYSTEM

The well-numbering system used in this report is based upon the location of the wells according to the federal land survey used in Arkansas. The component parts of a well number are the township number, the range number, the section number, and three letters which indicate, respectively, the quarter section, the quarter-quarter section, and the quarter-quarter-quarter section in which the well is located. The letters are assigned counterclockwise, beginning with "A" in the northeast quarter or quarter-quarter or quarter-quarter-quarter section in which the well is located. For example, well 03S04W03DCA16 (fig. 4) is located in Township 3 South, Range 4 West, and in the northeast quarter of the southwest quarter of the southeast quarter of section 3. This well is the 16th well in this quarter-quarter-quarter section of section 3 from which data were collected.

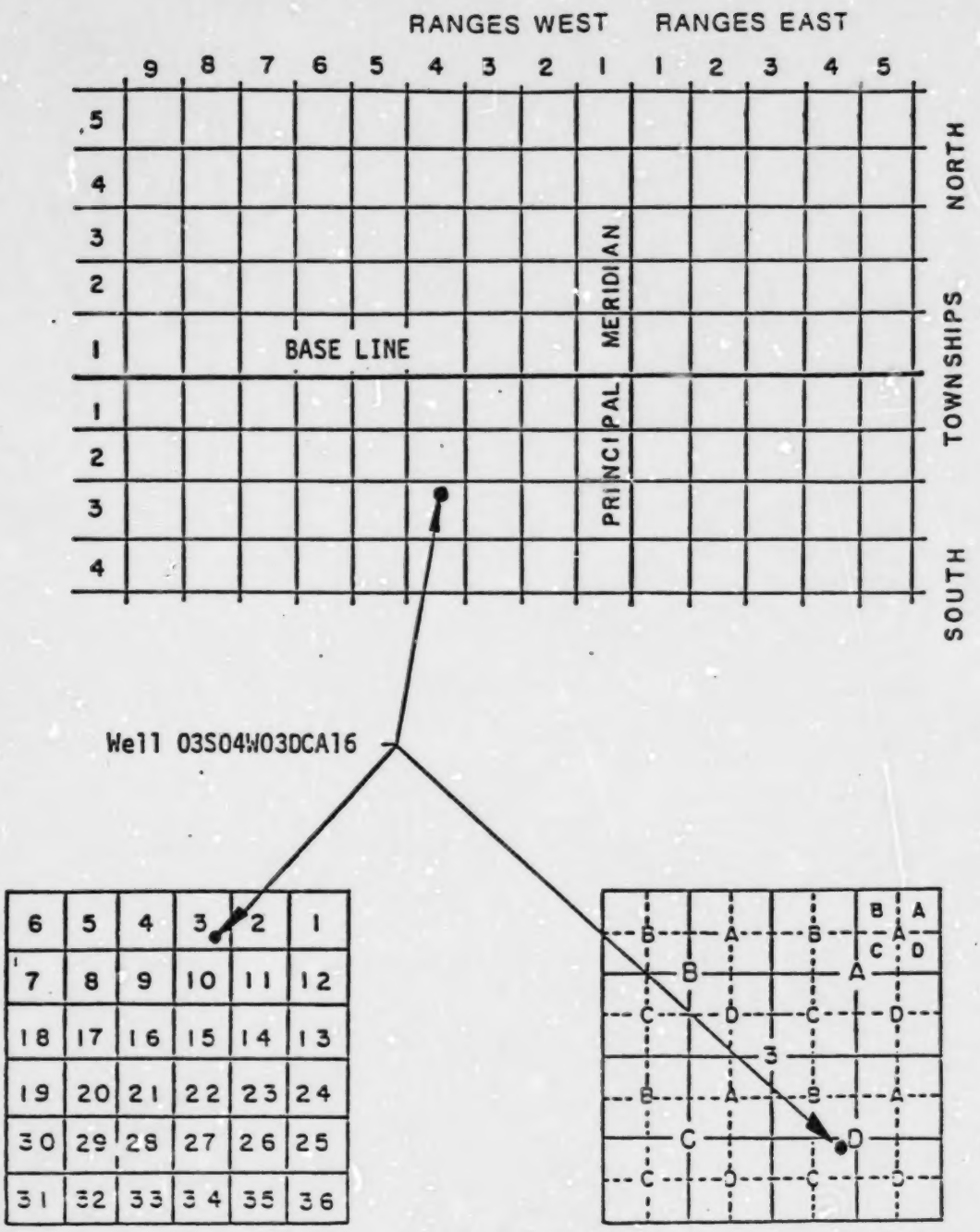

Figure 3.--Well numbering system.

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Table 1.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Quaternary deposits

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
ARKANSAS COUNTY							
02S03W09DCD1	211	4-05	69.06	142	+2.77	+0.54	
02S04W11DBB1	213	4-05	94.53	118	+1.07	-2.06	
02S05W04BBB1	221	4-04	116.49	105	-1.12	-1.50	
02S05W33DCD1	214	4-04	99.49	115	+ .50	+1.61	
03S02W18DCC1	203	4-05	69.28	134	+2.35	- .07	
03S02W27ABB1	197	4-05	58.10	139	+2.02	- .05	
03S03W01DBB1	205	4-05	69.63	135	- .49	-2.71	
03S03W21ADD1	204	4-05	87.63	116	+ .27	-1.47	
03S04W03DCA16	205	4-04	97.77	107	- .12	-1.15	
03S06W29BAB1	196	4-09	36.57	159	+ .62	-2.12	
03S06W35ADD1	190	4-04	46.39	144	+ .22	-6.83	
04S01W04ACC1	199	4-16	26.67	172	+10.89	+19.42	White River Refuge.
04S01W30AAA1	188	4-03	53.00	135	- .48	-2.11	
04S02W11AAA1	195	4-03	60.47	135	+1.05	- .58	
04S02W29CCC1	191	4-03	77.79	113	+ .03	-1.64	
04S03W17ADD1	200	4-01	98.07	102	+ .01	-1.56	
04S03W32BCB1	192	4-01	97.00	95	- .68	-1.93	
04S04W02ABB1	200	4-01	104.27	96	- .27	-1.72	
04S05W16CDC1	201	4-01	71.12	130	+ .33	+ .28	
04S05W24DAA1	198	4-01	92.10	106	+ .47	+ .39	
04S06W15DBB1	190	4-02	26.26	163	+ .93	-1.21	
05S01WI6BAB1	183	4-03	41.10	142	+4.12	- .65	
05S01W18BCC1	187	4-11	52.71	134	+3.29	+5.21	1981-85.
05S02W16ABD1	190	4-02	71.78	118	+2.37	+1.21	
05S03W30DDA1	193	4-03	92.78	99	- .28	-2.50	
05S04W07CCC1	194	4-02	77.00	117	+ .96	+ .25	
05S04W32BBA1	191	4-02	61.14	130	+5.96	- .08	
05S05W15ADD1	193	4-02	49.45	144	+1.45	+ .04	
05S06W02DDD1	183	4-11	17.68	165	+ .40	- .75	
05S06W07DDC1	180	4-01	8.79	172	+ .72	-1.37	
06S02W06BBA1	189	4-02	77.40	112	+ .60	-1.10	
06S02W23DCD1	188	4-05	50.40	138	+7.78	+4.80	
06S03W10BBA1	184	4-02	79.28	105	+ .38	-1.52	
06S03W27AAA1	183	4-02	62.28	121	+3.38	- .16	
06S04W18CBB1	190	4-02	36.35	154	+ .17	+ .39	

Table 1.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Quaternary deposits--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
ARKANSAS COUNTY--Continued							
07S02W04BBB1	176	4-05	39.98	136	+5.70	+3.32	
07S02W17BBA1	184	4-11	41.85	142	+5.43	+3.59	
07S03W18CCD1	186	4-03	44.84	141	-2.80	-6.35	
07S04W01DDD1	186	4-03	50.39	136	-1.53	-5.65	
08S02W08ACA1	179	4-11	30.91	148	+6.29	+5.73	
08S03W05ABB1	178	4-03	18.93	159	+ .82	+ .51	
ASHLEY COUNTY							
15S04W23DBD1	128	4-10	22.88	105	+0.59	+2.44	1982-85.
16S06W27BAB1	182	4-10	77.58	104	+4.24	-1.96	
17S04W03ABB1	124	4-10	19.44	105	+1.52	-4.81	
17S04W21ABA1	117	4-10	12.97	104	+ .53	+ .35	
17S06W01ADD1	182	4-10	80.30	102	- .90	-1.71	
17S06W35CAC1	179	4-11	71.38	108	+ .87	+4.09	
17S07W05CDD1	185	4-11	87.03	98	-1.49	- .43	
18S08W01AAB1	181	4-11	82.65	98	-4.02	---	
18S08W28DDD2	163	4-11	87.65	76	- .28	+ .56	
19S04W06BAB2	110	4-10	14.90	95	+ .85	-2.78	
19S06W07BCC1	135	4-11	30.39	104	+ .51	- .06	
CHICOT COUNTY							
13S03W35BAC1	134	4-09	13.41	121	+9.72	---	
14S03W32DCB1	134	4-09	23.42	111	+ .66	+1.16	1983-85.
15S02W29BDB1	126	4-09	17.73	108	+2.80	+5.27	1982-85.
15S03W24AAA1	115	4-09	18.98	96	+1.62	-1.20	
16S03W16DCB1	121	4-09	24.19	97	+2.08	+ .92	1982-85.
17S01E17CDA1	118	4-09	3.85	114	+2.93	+10.56	1982-85.
17S02W10AAA1	114	4-09	18.97	95	- .25	-2.77	
17S03W23BBB1	114	4-09	21.48	93	+ .49	+ .38	1982-85.
18S01W19DAB1	110	4-10	11.19	99	+ .14	+ .04	
18S01W28CCC1	111	4-10	10.85	100	- .95	+6.05	1982-85.

Table 1.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Quaternary deposits--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface Date	Depth to water below land surface Feet	Altitude of water level (feet)	Net change in water level (feet) 1984-85	Net change in water level (feet) 1980-85	Remarks
CHICOT COUNTY--Continued							
18S03W22ABA2	103	4-10	8.69	94	+ .72	---	
19S01W15BBC1	114	4-10	11.53	102	+1.69	+4.22	
19S01W17BCC1	106	4-10	12.58	93	+1.87	+6.76	1982-85.
19S01W21AAA1	110	4-10	7.48	103	+1.22	+6.11	
19S03W18BBA1	102	4-16	18.86	83	- .93	-3.79	
CLAY COUNTY							
18N08E03DAB1	262	4-03	5.10	257	+1.41	+2.04	
19N04E19AAA1	282	4-03	20.95	261	+1.33	-1.70	
19N08E01BBA1	270	4-03	3.30	267	+1.80	+2.02	
20N05E34DBA1	285	4-03	14.58	270	+2.26	-2.58	
20N08E24DDA1	276	4-03	6.60	269	-1.10	+2.50	1983-85.
21N05E17ABB1	300	4-03	11.55	288	+5.16	+2.73	
21N06E31BBA1	289	4-03	1.29	288	+ .96	+2.96	
21N08E36ABB1	283	4-03	+ .20	283	- .15	+ .13	Flowing.
CRAIGHEAD COUNTY							
13N02E35DAA1	250	4-04	80.28	170	-1.52	-8.15	U.S. Geological Survey recorder.
13N03E09BAA1	267	4-04	80.50	186	-1.08	-6.44	
13N04E12ABB1	231	4-01	14.73	216	---	---	New well.
13N05E21BDD1	226	4-04	8.65	217	+1.90	+ .98	Bay public supply.
13N07E20BBA1	223	4-04	2.88	220	-1.26	- .82	U.S. Army Corps of Engineers.
14N02E18BDD1	242	4-05	32.97	209	- .14	-6.75	
14N05E24DCC1	238	4-04	12.85	225	+3.44	+1.18	
14N06E20CCD1	226	4-04	3.72	222	+ .48	+ .38	
14N07E26DAB1	227	4-04	4.15	223	+ .89	+ .81	
15N03E19ADA1	262	4-05	30.65	231	- .55	-5.52	
15N06E20DDD1	234	4-04	4.95	229	+ .30	- .97	1979-85.

Table 1.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Quaternary deposits--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
CRITTENDEN COUNTY							
05N07E28CBA1	201	3-27	13.97	189	-0.16	-1.55	
05N07E34BAB1	203	3-27	12.30	191	- .28	+1.68	
06N07E13BAA1	205	3-27	10.12	195	+2.06	- .72	
07N07E31CCC1	207	3-27	19.58	187	+ .14	-3.04	
07N09E05CDD1	214	3-27	4.45	210	+2.74	+6.34	1982-85.
08N07E14DAA1	215	3-27	18.33	197	- .42	-1.30	
09N06E11DAD1	217	3-27	27.39	190	- .26	-1.40	
09N08E26DBB1	222	3-27	7.05	215	+2.74	+4.81	1982-85.
CROSS COUNTY							
06N04E01BBB1	205	3-29	29.60	175	+1.15	-0.25	
07N01E05CDA1	217	3-29	52.19	165	+ .96	-3.38	
07N01E11AAA1	217	4-03	55.75	161	- .35	---	
07N03E05ADA1	254	3-29	94.15	160	-1.55	-6.23	
07N04E07ABC1	222	3-29	39.45	183	+4.82	+3.05	
07N05E01BCB1	212	3-29	29.29	183	+1.66	+ .41	
07N05E32DDD1	204	3-29	25.12	179	+ .41	- .26	1983-85.
08N03E09DAD1	258	3-29	95.33	162	- .83	-5.13	
09N01E33BBA1	225	3-29	59.60	165	- .86	-6.66	
09N01E36BAB1	226	3-29	63.48	163	- .74	-2.54	
09N03E17DDC1	248	3-29	85.05	163	- .90	-1.94	
09N05E32BDB1	210	3-29	24.46	186	+ .33	-2.26	
DESHA COUNTY							
07S01E25CAA1	155	4-09	9.86	145	+3.66	+11.56	1982-85.
07S01E26ABC1	156	4-09	19.29	137	-2.65	- .02	1982-85.
08S03W33ABD1	165	4-08	3.43	162	+ .84	+2.90	U.S. Army Corps of Engineers, 1981-85.
09S02W26DDC1	149	4-09	10.59	139	+2.96	- .71	U.S. Geological Survey recorder.

Table 1.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Quaternary deposits--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
DESHA COUNTY--Continued							
09S03W17DCB1	155	4-08	18.63	136	+4.57	-5.63	U.S. Army Corps of Engineers.
09S04W06BBC1	162	4-08	19.25	142	+7.63	-9.14	
10S03W26DAC1	155	4-08	35.02	120	-1.12	-5.47	1982-85.
10S04W02BAB1	160	4-08	27.74	132	+1.08	-1.04	
10S04W08BDD1	164	4-08	19.13	145	+1.55	---	
10S04W25CCD1	156	4-08	20.89	135	+2.21	+4.31	1982-85.
11S02W31DCC1	145	4-08	27.70	117	+3.33	+3.02	1983-85.
11S03W31BBA1	148	4-08	16.92	131	+2.68	- .52	
12S01W31AAB1	135	4-09	12.04	123	+6.40	+ .61	
12S01W33BAA1	135	4-09	10.02	125	+4.36	+ .68	
12S03W16BBC1	148	4-08	17.85	130	+1.18	- .02	1981-85.
DREW COUNTY							
11S04W08DBA1	160	3-27	18.07	142	+0.47	+2.23	1982-85.
11S05W08CCC1	185	3-28	33.42	152	- .83	-1.22	
11S06W34DAC1	209	3-27	64.75	144	- .15	- .82	1982-85.
12S04W03ABB1	155	3-27	16.39	139	+2.54	+2.26	1982-85.
12S04W27CCC1	148	3-27	18.53	129	- .05	-2.02	
12S06W15ADC2	199	3-28	55.48	144	- .27	-1.96	
13S04W33ABA1	140	3-27	17.03	123	+ .28	-8.28	
13S06W03DDC1	191	3-27	55.75	135	- .21	- .15	1982-85.
14S05W20BAA1	173	3-27	39.38	134	- .25	-2.67	
GREENE COUNTY							
16N06E02CAB1	244	4-04	18.60	225	-0.50	+1.02	
16N06E03CCC1	258	4-04	35.49	223	-6.58	-6.81	
16N06E28ABB1	251	4-04	15.99	235	+2.05	- .61	
17N03E02CDD1	266	4-03	15.30	251	-6.92	-5.00	
17N04E30CDC1	265	4-03	23.20	242	-1.80	-7.81	
18N06E26CDD1	267	4-04	11.00	256	+3.22	---	
18N07E20BBA1	257	4-04	3.28	254	+3.33	+2.97	

Table 1.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Quaternary deposits--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
INDEPENDENCE COUNTY							
12N04W34CBB1	231	4-04	5.83	225	+13.27	+16.42	
14N03W14CAB1	230	4-02	1.85	228	+ .45	+1.65	1983-85.
14N03W26BDC1	225	5-17	.48	225	+2.25	+7.49	1981-85.
JACKSON COUNTY							
09N01W22ADD1	215	4-05	42.16	173	+1.30	-3.62	
09N02W32CBB1	220	4-05	21.10	199	+ .50	+ .01	
10N02W27BBB1	224	4-05	18.40	206	+ .50	-3.24	
10N03W30ABB1	222	4-17	15.87	206	+ .34	+13.48	1981-85.
11N03W30CBA1	223	4-04	7.59	215	+7.98	+10.01	
12N02W25ABB2	234	4-05	20.10	214	- .10	-5.12	
12N03W35BCA1	220	5-16	8.86	211	-1.66	+5.78	
12N03W35CAC1	221	4-02	+ .10	221	+7.10	+14.62	
13N01W20AAA1	242	4-02	24.08	218	-1.76	-8.15	
14N01W09AAA1	251	4-02	24.79	226	+ .71	-2.92	1981-85.
JEFFERSON COUNTY							
03S07W16AAA1	190	4-01	33.12	157	-0.79	-1.55	
03S08W19CBA1	214	4-01	29.92	184	- .28	-3.18	
03S08W24BBC1	202	4-02	35.48	167	+ .14	-3.83	
03S09W06DDA1	225	4-01	32.10	193	+ .63	-1.71	
03S09W31DDA1	218	4-01	17.02	201	+10.25	+4.53	
04S07W17CCB1	203	5-10	35.10	168	+7.45	-1.13	
04S09W16BCC1	215	4-02	17.86	197	-8.43	+6.22	
05S07W19BCC1	199	4-01	19.30	180	+1.04	- .91	
06S05W15BCA1	177	4-01	15.11	162	- .03	-3.37	
06S06W23AAD1	189	4-01	12.52	176	+2.88	+3.73	
06S08W24DCC1	200	4-15	14.82	185	+ .78	+1.23	
07S08W06BAA1	202	4-15	10.82	191	+3.11	- .82	

Table 1.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Quaternary deposits--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
LAFAYETTE COUNTY							
16S25W25CAC1	224	4-18	15.88	208	-0.16	-0.26	
19S25W06ABD1	216	4-19	13.93	202	+ .18	+ .36	
LAWRENCE COUNTY							
16N01E11DAC1	262	4-02	30.26	232	-0.51	-1.06	1983-85.
LEE COUNTY							
01N03E02BBC1	236	4-09	34.32	202	+7.13	+10.96	
01N03E35BBA1	202	4-09	1.87	200	+3.52	+ .24	
02N01E23BAA2	202	4-09	37.47	165	+ .62	-5.03	
02N02E21ABC1	200	4-09	18.82	181	+7.68	+9.27	1982-85.
02N03E14CCC3	232	4-09	45.81	186	+6.45	+4.81	Marianna public supply 3.
02N04E16ADC1	195	4-09	17.18	178	+1.00	+1.38	
03N02E29DAD1	205	4-09	28.87	176	+2.30	-6.88	
03N04E34CDD1	195	4-10	17.14	178	+1.31	+ .33	
LINCOLN COUNTY							
07S06W28CBB1	180	3-28	29.51	150	-0.13	-3.99	
07S07W29DDD1	187	3-26	14.95	162	+1.82	+4.47	
08S06W02ACB1	181	3.28	30.93	150	- .19	-4.44	
08S06W21BBC1	180	3-28	30.89	149	- .98	-4.35	
08S07W09BBD1	190	3-26	22.00	168	+ .18	+ .42	
09S05W08CCB1	171	3-26	23.74	147	- .57	- .72	1982-85.
09S05W13CDB1	174	3-28	25.05	149	+ .86	- .46	1982-85.
10S05W06DCC1	175	3-28	22.46	152	- .32	- .56	

Table 1.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Quaternary deposits--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
LITTLE RIVER COUNTY							
13S29W05ABC1	330	3-28	23.91	306	+0.20	+1.07	
13S32W09CCC1	313	3-28	1.90	311	- .06	+2.02	
LONOKE COUNTY							
01N07W29BBB1	225	4-02	100.75	124	-3.41	-10.65	
01N08W09CCB1	235	4-01	99.65	135	- .74	-9.00	
01N09W27CCA1	229	4-01	56.07	173	-1.44	-7.80	
02N07W22DDD1	223	4-02	102.82	120	- .77	-6.76	
02N08W04BBB1	243	4-10	95.92	148	+3.27	-1.47	1981-85.
02N08W30CAB1	245	4-02	110.71	134	-1.56	-8.09	State Fish Hatchery, U.S. Geological Survey recorder.
02N09W02BCB1	255	6-13	101.98	153	-4.18	-10.09	
02N09W17CCB1	253	6-13	74.75	178	-1.05	-5.90	Remington Arms Co., Inc.
02N09W32ABB1	236	4-01	56.14	180	- .49	-8.37	
02N10W23BCA1	242	4-01	34.35	208	+ .32	-4.13	
03N07W15CAD1	227	4-02	66.79	160	- .19	-5.09	
03N07W31CDD2	243	4-02	101.11	142	-3.99	-2.91	
03N07W35CDC1	233	4-02	100.34	133	+ .15	-3.94	
03N08W21CDC1	249	4-10	92.09	157	+5.98	-7.19	
03N09W31CBC2	257	4-01	66.62	190	-3.34	-5.33	
03N10W34ABB1	257	4-01	55.00	202	+1.40	+9.28	1981-85.
04N08W15BCB2	225	4-01	20.82	204	+1.41	-1.12	
01S08W22CBB1	212	4-02	54.66	157	-1.35	-7.27	
01S10W01ACB1	236	4-01	33.20	203	+ .29	-2.70	
02S07W10CCB1	201	4-02	44.87	156	- .55	-5.81	
02S08W13BBB1	200	4-02	39.51	160	- .54	-7.81	
02S09W12CCC1	221	4-02	43.30	178	+ .33	-5.00	

Table 1.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Quaternary deposits--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
MILLER COUNTY							
15S26W34AAA1	230	4-18	8.63	221	-1.48	-2.11	
16S25W19AAA1	230	4-18	12.59	217	- .47	- .10	
19S27W03DBB1	205	4-19	5.98	199	+1.44	+1.77	
MISSISSIPPI COUNTY							
11N09E34BBB1	235	4-01	9.74	225	+3.17	+1.11	
12N08E08BCB1	225	4-02	5.02	220	+ .45	+ .78	
12N09E32DAA1	226	4-01	12.24	214	+ .35	+ .53	1983-85.
12N10E11ADA1	239	4-01	8.27	231	+ .23	- .25	1982-85.
13N09E30CCD1	230	4-02	8.17	222	+ .37	+ .09	
14N08E12DAB1	235	4-02	4.74	230	- .90	- .15	
14N10E18ABC1	236	4-02	10.58	225	+ .64	- .20	
14N11E03BCB1	247	4-02	5.09	242	- .51	- .69	
14N12E05DCB1	250	4-02	9.57	240	+ .24	-1.10	
15N08E08DBC2	236	4-02	8.26	228	- .76	+ .29	Leachville public supply.
16N09E21BBB1	244	4-02	4.17	240	+ .09	+2.68	
16N11E23AAD1	255	4-02	10.79	244	+ .61	+ .98	
MONROE COUNTY							
01N01W21CDC1	181	4-10	22.39	159	+0.20	-3.98	
01N03W24BBB1	185	4-08	18.74	166	+3.19	+2.35	
01N04W33BBB2	218	4-10	88.79	129	+ .67	-1.49	
02N02W20BBC1	188	4-08	32.62	155	+ .14	-3.07	
03N01W20ABA1	189	4-09	32.94	156	+1.80	-1.35	
03N02W31ADC1	190	4-08	30.82	159	+1.06	---	
03N03W36AAA1	176	4-08	13.39	163	+1.75	-3.03	
04N02W30BBB1	185	4-10	11.87	173	+2.06	+1.67	
04N03W36BAC1	180	4-10	8.92	171	+1.25	+1.29	
01S01W13CDD1	178	4-10	6.89	171	+2.44	-1.81	
01S02W11BCC1	180	4-08	11.53	168	+2.16	-1.80	

Table 1.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Quaternary deposits--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
MONROE COUNTY--Continued							
01S04W01BAB1	210	4-10	69.89	140	+1.80	-0.64	
02S02W01BCA1	171	4-10	6.67	164	+3.12	+2.05	
03S01W03DAB1	166	4-10	5.59	160	+4.23	+4.25	
03S01W36BBD1	163	4-10	6.84	156	+5.18	+10.50	
PHILLIPS COUNTY							
02S01E28CCB1	174	4-09	8.84	165	+3.07	+1.17	
02S03E15ACD1	174	4-01	9.34	165	+ .57	-2.04	U.S. Geological Survey recorder.
03S04E20CAB1	175	4-09	11.77	163	+1.11	- .30	
05S02E18BDA1	156	4-02	13.67	142	- .09	-2.74	
06S01E28AAA1	151	4-09	5.27	146	+5.15	+5.90	
POINSETT COUNTY							
10N03E14DAA1	270	3-28	109.62	160	+8.56	-6.37	
10N03E35CDD1	275	3-28	104.53	170	-1.22	---	
10N05E10BCD1	207	3-29	7.77	199	+ .85	- .01	
10N05E15BDD1	207	3-29	9.01	198	+ .72	+3.53	
10N06E11AAA1	212	3-28	11.30	201	- .10	+ .25	
10N07E22AAC1	215	3-28	20.79	194	+ .37	-2.19	
11N01E21CBC1	230	3-28	57.13	173	- .76	-7.00	
11N02E05BDA1	245	3-28	80.72	164	-2.27	-7.94	Weiner public supply.
11N02E26AAB1	241	3-28	81.09	160	-1.82	-7.94	
11N03E22DDD1	245	3-28	81.98	163	-1.87	-10.13	
11N07E22ADD1	218	3-28	18.02	200	+1.63	- .12	
12N01E07CDA1	236	3-28	36.09	200	+ .49	---	
12N02E01DDA1	247	3-28	81.48	166	+ .02	---	
12N04E18CCC1	245	3-28	71.84	173	+ .86	-7.04	
12N05E34ABA1	215	3-28	3.53	211	+ .14	+1.30	

Table 1.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Quaternary deposits--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
PRAIRIE COUNTY							
01N05W16AAA1	218	4-04	111.63	106	-1.81	-11.33	
01N05W20DCC1	212	4-04	98.25	114	+ .59	-2.62	
01N06W18CDD1	223	4-04	103.16	120	+ .22	-5.66	
01N06W26DDC1	216	4-04	101.50	114	- .18	-2.37	
02N04W02BCB1	188	4-08	15.19	173	+3.20	+2.25	Biscoe public supply.
02N04W32CCB1	221	4-03	75.15	146	+1.85	+1.65	
02N05W05BBB1	221	4-03	80.43	141	-2.46	-3.23	
02N05W13AAB1	223	4-03	67.02	156	+2.68	+5.96	
02N05W29DDB1	228	4-04	106.33	122	+ .93	-3.03	
02N06W22BCD1	236	4-03	121.59	114	-4.29	-11.24	
03N04W03AAC1	187	4-10	18.98	168	+2.21	+1.43	
03N05W03DBB1	207	4-03	45.34	162	+7.11	+4.16	
03N06W01BCB1	216	4-03	69.10	147	+ .22	-2.60	
04N04W07ADC1	195	4-10	14.93	180	+6.03	+6.38	
04N05W07CDC1	212	4-03	63.00	149	+ .30	-4.50	
04N05W21DDD1	205	4-03	52.83	152	+1.22	-2.73	
04N06W21BCC1	220	4-03	63.52	156	+ .21	-4.47	
04N07W01CCC1	212	4-03	48.48	164	- .24	-4.68	
05N05W14DCD1	205	4-03	25.89	179	+6.40	+4.97	
01S05W14BBC1	211	4-02	101.56	109	+1.29	- .86	
01S06W13DCD1	224	4-16	123.71	100	-14.49	-15.99	
02S06W15ADD1	199	4-09	66.28	133	- .10	---	
PULASKI COUNTY							
01N10W17BAC1	246	4-16	11.29	235	+1.16	-0.15	
02N10W05BCC1	239	4-16	20.10	219	+3.05	-5.50	Jacksonville public supply 10.
01S10W07BDC1	240	4-16	8.15	232	+1.45	- .02	
02S10W16CCA1	231	4-16	14.25	217	+9.01	+1.65	

Table 1.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Quaternary deposits--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface Date	Depth to water below land surface Feet	Altitude of water level (feet)	Net change in water level (feet) 1984-85	Net change in water level (feet) 1980-85	Remarks
RANDOLPH COUNTY							
18N01E34AAC1	266	4-02	9.95	256	+2.11	+2.39	
19N02E09DCA1	267	5-16	1.29	266	- .45	+6.77	
ST. FRANCIS COUNTY							
04N01W28CDD1	208	3-26	57.22	151	-0.68	-1.60	1982-85.
04N01E13DDA1	208	3-26	46.63	161	+ .46	-2.54	
04N02E03DDD3	210	3-26	31.90	178	+ .11	-2.62	Arkansas Power and Light Co.
04N03E21DAD1	236	3-26	41.56	194	+6.67	+ .87	
04N05E22BBB1	200	3-26	27.63	172	-1.34	-1.70	
05N06E34CAB1	200	3-26	22.07	178	- .74	- .58	
06N01E33ACA2	211	3-26	47.23	164	- .37	-4.61	
06N02E24AAA1	232	3-26	58.40	174	-1.65	-5.95	
06N05E22ACC1	200	3-26	27.02	173	- .33	-4.15	
WHITE COUNTY							
05N07W09AAA1	205	4-04	16.10	189	-0.24	-2.01	1981-85.
05N07W10CCC1	203	4-04	11.72	191	+ .44	+ .08	
05N08W23DCB1	211	4-04	11.25	200	+1.87	-2.25	
06N06W34BAA1	216	4-04	46.05	170	-1.01	-6.75	
06N07W13ABA1	228	4-04	13.60	214	- .02	---	
06N07W17DCC1	217	4-04	15.19	202	+1.99	+1.57	1981-85.
06N08W26DDB1	230	4-04	21.80	208	-5.38	---	McRae public supply 1.
07N05W32BAB1	214	5-17	21.19	193	+3.85	+2.54	1983-85.
07N06W19CAB1	224	5-17	3.67	220	+1.28	-1.27	
07N07W31CBB1	233	4-04	3.58	229	+ .05	---	
08N05W01ABA1	218	5-17	12.28	206	+3.12	- .08	
09N04W01ABC1	215	5-17	15.10	200	+1.10	+1.18	1981-85.

Table 1.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Quaternary deposits--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
WOODRUFF COUNTY							
05N01W16BCC1	211	4-03	51.96	159	+0.61	-3.32	
05N02W20DCB1	192	4-03	10.24	182	+1.32	- .34	
05N04W12DBA1	186	4-03	3.98	182	- .79	- .86	
06N01W06BAB1	202	4-03	20.48	182	+1.11	-3.30	
06N01W33ADB2	216	4-03	52.46	164	+ .07	-3.22	
06N03W31BCB1	185	4-03	1.87	183	- .13	- .65	1979-85.
07N02W17CBD1	196	4-03	8.37	188	+ .85	-1.79	
08N03W31AAD1	212	4-03	18.25	194	+3.42	- .75	

Table 2.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Cockfield Formation

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
ARKANSAS COUNTY							
08S02W04ACA1	165	4-11	70.98	94	+0.68	-5.01	
ASHLEY COUNTY							
15S04W26CBC1	128	4-10	32.88	95	-1.85	-2.73	Town of Boydell.
15S07W32CBA2	188	4-11	86.83	101	+1.42	+ .68	Fountain Hill public supply.
17S04W10BCD2	125	4-10	24.34	101	+1.12	- .66	Portland public supply.
17S06W07ADA1	174	4-11	72.52	101	+ .63	-5.57	Hamburg Industrial Park.
18S04W19DAA1	116	4-10	22.59	93	-1.09	-4.29	Parkdale public supply.
18S08W04BBC1	149	4-11	67.52	81	-1.12	+13.00	N. Crossett public supply 2.
19S05W12CAC1	115	4-10	23.26	92	+2.79	+ .59	Wilmot public supply.
BRADLEY COUNTY							
14S09W04AAC1	162	3-26	59.11	103	-0.04	-2.98	
14S10W31DBA1	193	3-26	85.45	108	+ .08	-3.08	Hermitage public supply.
15S12W11CAB1	155	3-22	17.79	137	+3.78	+ .01	
16S10W11DCB1	152	4-16	45.16	107	+5.90	+3.22	Vick School.
16S11W11ACA1	141	3-22	24.94	116	+6.30	+ .81	
CALHOUN COUNTY							
14S13W01AAA1	212	3-22	7.59	204	+0.09	-0.17	
14S14W21ACB1	132	3-22	33.95	98	- .09	- .24	U.S. Geological Survey recorder.

Table 2.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Cockfield Formation--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
CHICOT COUNTY							
14S03W05BBA1	139	4-09	63.18	76	-0.21	-0.98	Dermott public supply.
15S03W21ABA1	122	4-09	25.85	96	+1.12	- .85	
16S02W04BAC1	125	4-09	32.42	93	- .08	---	Lake Village public supply 1.
18S02W25ABB3	135	4-10	43.27	92	-2.32	-4.17	Eudora public supply 3.
18S03W14CCC1	98	4-10	10.99	87	+ .19	-1.61	
CLEVELAND COUNTY							
08S11W002BCB1	245	4-11	131.14	114	+1.56	-5.49	Highway rest area.
08S13W03BAD1	215	4-12	64.15	151	+ .57	+ .13	1983-85.
11S11W23BBD1	275	4-12	39.78	235	+ .88	+1.49	
DREW COUNTY							
12S08W34BBB1	158	3-27	81.87	76	+0.05	-3.92	
13S05W35ABB1	170	3-27	81.72	89	-1.09	-5.49	
14S07W26BAB1	230	3-27	116.24	114	- .16	-4.08	
LINCOLN COUNTY							
10S05W06CAC1	170	3-28	102.93	67	-3.10	-5.14	

Table 2.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Cockfield Formation--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
UNION COUNTY							
17S13W17DDC1	225	4-10	40.37	185	+0.77	-0.37	
17S15W31DCA2	269	4-09	49.65	219	+ .69	+3.73	
17S15W36BAD1	248	4-10	40.34	208	+4.07	+ .20	Columbia Chemical
19S10W16CDB2	82	4-10	26.65	55	- .25	-2.35	Felsenthal public supply 2. 1982-85.

Table 3.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Sparta Sand and Memphis Sand

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
ARKANSAS COUNTY							
02S04W06CDB1	212	4-05	136.79	75	-1.62	-13.14	
02S04W23DAA1	208	4-05	129.02	79	-1.06	-16.81	
02S04W33BBB1	205	4-04	140.18	65	- .25	-15.53	1979-85.
02S05W34BDA1	216	4-09	150.49	66	+ .53	-6.66	U.S. Geological Survey recorder.
03S04W02CCB1	202	4-04	131.90	70	-2.61	-14.49	Univ. of Ark. experiment station
03S04W26CDA1	203	4-04	135.60	67	-4.49	-16.15	Almyra public supply.
03S04W33BAA1	201	4-04	128.71	72	+4.27	-7.38	
03S05W02AAB1	210	4-04	151.68	58	- .58	-13.29	
03S05W13BDC1	210	4-09	144.98	65	+2.02	-10.03	
03S05W15CBB1	206	4-09	142.83	63	+4.63	-8.96	
03S05W18CAB1	196	4-09	135.95	60	+4.30	-9.12	
03S06W21ACC1	195	4-09	131.14	64	+3.19	-8.60	
03S06W30BBD1	191	4-09	128.83	62	+3.47	-8.86	Humphrey public supply.
04S04W11BCC1	198	4-01	129.74	68	+1.44	-9.39	
04S04W19CBB1	195	4-01	133.38	62	+1.69	-10.85	
04S04W22DAA1	195	4-01	130.60	64	+1.52	-10.79	
04S05W01BAA1	196	4-01	135.25	61	+3.55	-9.10	
04S05W36DCC1	196	4-01	133.57	62	+1.45	-8.84	
05S03W04ADB1	187	4-01	118.98	68	-1.51	-11.85	DeWitt public supply.
05S04W26ACA1	188	4-03	114.04	74	+1.96	-7.55	
05S05W36DAA1	180	4-02	117.33	63	+2.29	-8.35	
06S02W06ABB1	181	4-02	96.45	85	+1.95	-6.23	
06S02W22CDB1	186	4-05	92.14	94	-5.58	-5.68	
07S02W28ABA1	181	4-04	87.21	94	+1.07	-5.56	
07S03W06ABC1	185	4-05	110.29	75	-2.47	-9.39	Gillett public supply.
08S02W01CBA1	165	4-04	69.09	96	+1.29	-6.32	Lock and Dam 1.

Table 3.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Sparta Sand and Memphis Sand--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
ARKANSAS COUNTY--Continued							
08S03W04DBD1	176	4-03	94.73	81	-0.68	-7.59	Arkansas Post National Memorial.
08S03W-Tr 2299	175	4-04	93.00	82	-5.40	-5.83	Moores Bayou recreation area.
08S03W-Tr 2404	168	4-04	77.35	90	+2.47	-3.29	Notrebes Bend recreation area.
BRADLEY COUNTY							
13S09W06ACA1	208	3-26	145.20	63	+0.20	-5.20	Warren public supply.
13S11W17BCD1	250	3-27	178.63	71	-1.81	-4.11	Banks public supply.
16S12W21CAA1	100	3-22	63.10	37	-3.22	-6.47	
CALHOUN COUNTY							
12S12W32DAA1	176	3-22	92.23	84	-3.73	-10.04	Tinsman public supply.
13S13W32CDA1	208	3-22	156.70	51	+ .29	+3.20	Hampton public supply.
14S13W12CCB1	205	3-22	161.04	44	-5.87	-8.84	Harrell public supply.

Table 3.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Sparta Sand and Memphis Sand--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
CLEVELAND COUNTY							
09S11W01DCA1	230	4-11	163.35	67	-0.91	+1.52	Rison public supply.
09S11W01DDA2	266	4-11	193.10	73	+3.20	+3.29	Do.
10S09W23CDC1	220	4-12	147.83	72	-1.84	-3.44	Highway 15 water user.
10S12W12BDD1	220	4-12	105.06	115	+ .17	-2.92	Kingsland public supply.
11S11W16AAB1	303	4-12	193.19	110	+1.43	---	New Edinburg public supply.
COLUMBIA COUNTY							
16S20W18ACD1	337	4-17	256.51	80	-0.74	-1.56	McNeil public supply 2.
16S21W14CBB1	281	4-17	208.62	72	-4.20	-5.13	Waldo public supply .
16S21W15CBC1	288	4-17	194.60	93	+ .51	+5.97	Do.
16S21W35CCD1	275	4-18	264.41	11	+2.28	+28.88	Magnolia public supply 9.
17S19W15ABD1	325	4-17	286.96	38	-3.37	-8.62	Village Corp.
17S19W30ABB1	248	4-17	210.54	37	-1.98	-8.35	City of Magnolia.
17S20W15ABB1	350	4-17	341.53	8	+10.37	+1.10	Carter Oil Co.
17S20W17CDA1	325	4-17	302.10	23	-2.64	+54.36	Magnolia public supply 8.
17S21W01BBC1	305	4-18	302.58	2	+23.13	+2.60	Southern Arkansas University 3.
17S21W11DCC2	303	4-18	325.47	-22	+ .57	+2.47	

Table 3.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Sparta Sand and Memphis Sand--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
COLUMBIA COUNTY--Continued							
18S19W17ACC1	288	4-17	245.43	43	-3.12	-6.38	Hiwan Oil & Gas Co.
18S20W06DDC1	300	4-18	301.24	-1	-8.87	-4.92	Magnolia Country Club.
18S20W18ABD1	276	4-18	302.97	-27	-6.67	-1.71	Bromet Co.
18S21W09AAA1	310	4-18	290.53	19	-5.33	+4.08	Arkla Gas Co.
18S22W08ACB1	250	4-18	47.79	202	- .14	- .89	
19S20W08DAD1	320	4-18	251.57	68	+ .31	-3.49	Emerson public supply 1.
19S20W09CAC1	332	4-18	262.78	69	- .64	-3.51	Emerson public supply 2.
19S21W16DBB1	284	4-18	171.41	113	- .44	-1.18	
19S23W11CDA1	248	4-18	52.50	196	- .37	- .90	Taylor public supply.
CRAIGHEAD COUNTY							
13N04E05CDD1	350	4-04	126.25	224	+0.50	-3.85	Valley View Water Association
14N04E22CBD1	256	4-04	41.33	215	+1.11	-2.48	Jonesboro public supply 3.
14N04E28DBD1	254	5-17	40.77	213	+2.73	- .54	
CRITTENDEN COUNTY							
05N08E11CCA2	211	3-27	19.91	191	+0.78	---	
06N07E01DAD2	209	3-27	17.36	192	+1.37	---	
07N09E14BAC1	217	4-01	28.85	188	+1.26	---	

Table 3.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Sparta Sand and Memphis Sand-Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
CROSS COUNTY							
06N04E06ACA1	358	3-26	180.87	177	-1.73	-0.17	Village Creek State Park.
07N03E16CCC3	253	3-29	85.76	167	-5.98	-2.56	Wynne public supply 3.
07N05E03BCD2	211	3-29	14.45	197	+4.41	+13.13	Parkin public supply 2.
09N01E16CAC1	234	3-29	68.77	165	-1.13	-7.05	Hickory Ridge public supply 1.
09N03E22AAD1	278	3-29	106.73	171	-1.19	-4.98	Cherry Valley public supply 1.
09N04E30DCA1	429	3-29	250.95	178	-3.54	-1.85	Vanndale-Birdeye.
DALLAS COUNTY							
07S14W31AAA1	330	4-04	109.63	220	+8.05	+2.27	Carthage public supply.
08S16W27DDD1	272	4-04	29.29	243	+2.05	+1.83	
09S13W35CCD1	200	4-04	61.76	138	- .34	-4.42	
10S13W34ACA2	272	4-04	138.65	133	+2.18	+2.18	Fordyce public supply.
DESHA COUNTY							
09S02W26AAC1	153	4-09	56.06	97	+0.76	-3.11	Watson public supply.
09S04W08DDA1	163	4-09	87.79	75	---	-5.49	
09S04W28DDD1	165	4-08	34.15	81	-1.20	-1.72	Dumas public supply.

Table 3.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Sparta Sand and Memphis Sand--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
DESHA COUNTY--Continued							
10S02W26CCC2	148	4-08	59.52	88	-1.85	-7.05	U.S. Fish and Wildlife Service.
11S01W31BBB1	141	4-16	66.18	75	-2.84	---	Potlatch Corp.
11S02W03CCA1	139	4-08	55.53	83	-5.11	-10.48	
12S01W32DCA1	136	4-09	44.62	91	+3.04	---	Arkansas City public supply.
12S03W34DAD1	147	4-09	66.17	81	+7.98	-5.93	McGehee public supply 3.
DREW COUNTY							
11S04W25DAA1	148	3-27	70.39	78	-1.78	-7.46	Tillar public supply.
11S06W11DBC1	203	3-28	130.62	72	+1.15	-4.76	
12S06W32DAD1	212	3-27	156.48	56	- .21	+3.27	Former Prisoner of War Camp.
13S05W36ACB1	169	3-27	81.03	88	- .44	-1.94	Collins public supply.
13S07W10BCA1	265	3-27	195.77	69	+ .65	-3.45	University of Arkansas at Monticello, Ark., 1982-85.
15S04W12DDA1	125	3-27	51.47	74	+ .49	-3.87	
GRANT COUNTY							
03S14W20ADB1	320	4-05	26.16	294	+0.74	+0.02	
04S14W14ADC1	310	4-05	81.72	228	- .65	-2.27	
05S13W03CDA2	281	4-05	106.51	174	-3.84	-7.77	Sheridan public supply 2.
05S13W03DBC1	260	4-05	79.06	181	+4.87	+1.42	Sheridan public supply 3.

Table 3.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Sparta Sand and Memphis Sand--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
GRANT COUNTY--Continued							
05S14W06DCC1	293	4-05	87.50	205	-0.02	-3.78	Prattsville public supply.
05S15W05ABD1	232	4-05	16.30	216	+1.36	-1.39	Poyen public supply.
06S11W05ACA1	280	4-05	186.85	93	-1.01	-1.45	Center Grove public supply.
06S15W26ACA1	280	4-04	66.56	213	- .12	-6.06	Leola public supply.
JEFFERSON COUNTY							
03S10W17DBA1	217	4-15	93.75	123	+0.87	-4.13	Tar Camp recreation area.
03S10W32DAB1	226	4-12	112.89	113	+4.17	-1.93	Lock and Dam 5 recreation area.
03S11W22ABC1	310	4-02	162.43	148	+ .04	+5.05	Redfield public supply.
03S11W25ADC4	311	4-02	193.19	120	- .14	-14.32	Arkansas Power and Light Co. White Bluff test well.
04S07W17BCC1	200	4-01	163.41	37	-9.28	-18.36	Wabbaseka public supply.
04S08W30AAD1	212	4-01	189.95	22	+1.08	-9.60	
04S10W22BDD1	244	4-02	171.50	73	+ .72	+1.12	Pine Bluff Arsenal 11.
04S10W29ADB1	268	4-02	185.70	82	+ .65	-4.28	Pine Bluff Arsenal 9.
04S11W14BAD1	400	4-16	288.70	111	+5.09	+4.32	Jefferson public supply 1.
05S08W29BDD1	195	4-02	232.15	37	+ .19	+8.49	U.S. Army Corps of Engineers recreation area.

Table 3.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Sparta Sand and Memphis Sand--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
JEFFERSON COUNTY--Continued							
05S08W30ADB1	221	4-18	264.23	-43	0.0	+6.87	Lock and Dam 4.
05S08W30CBA1	207	4-15	251.02	-44	+2.34	+22.11	International Paper Co. 7.
05S09W19BAA1	227	4-15	241.65	-14	-1.42	-26.98	Dierks Paper Co. 2.
05S09W19BAD1	220	4-16	210.00	10	+ .10	+28.78	Dierks Paper Co. 1.
05S09W24DBD1	208	4-15	242.51	-34	+1.48	+14.03	International Paper Co. 10.
05S09W35AAB1	205	4-15	242.25	-38	+12.95	+22.74	International Paper Co. 5.
06S06W20CAA1	193	4-01	149.80	44	-5.14	-12.50	Lock and Dam 3.
06S07W33DDD1	195	4-15	163.46	32	-1.71	-4.69	Linwood School.
06S08W16CCC1	202	4-15	222.30	-20	+2.25	+8.83	International Paper Co. 3.
06S08W25ADC1	203	4-15	195.99	7	+1.85	+2.95	International Paper Co. 2.
06S09W17CCA1	234	4-12	252.90	-19	-5.91	+ .79	General Water Works.
06S10W23DBA1	230	4-19	173.95	56	---	---	Watson Chapel Water Assoc.
07S07W24BAB1	188	4-15	150.42	38	-2.08	-14.34	Tamo public supply.
07S09W35CCB1	270	4-12	224.70	45	+3.63	-11.53	Highway 15 public supply 1.
07S10W24CAC1	311	4-12	265.80	45	+5.41	-4.78	Highway 15 public supply 2, 1982-85.

Table 3.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Sparta Sand and Memphis Sand--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
LAFAYETTE COUNTY							
16S24W19DBC1	265	4-19	51.22	214	-0.26	-0.82	
17S23W10BAC1	342	4-18	66.51	275	+ .38	+ .49	
19S25W13CAB1	255	4-19	37.63	217	+1.44	+1.63	
20S23W05ADB1	242	4-18	39.81	202	+1.12	+ .82	
LEE COUNTY							
02N03E14CCC4	232	4-09	63.68	168	+3.41	-1.16	Marianna public supply 4.
03N03E28CDB1	207	4-10	44.79	162	- .89	-1.31	Marianna public supply 5.
03N05E19ADA1	200	4-09	24.82	175	+ .71	- .03	
LINCOLN COUNTY							
06S06W34DBA1	187	3-28	139.39	48	-0.12	-8.35	Huffs Island recreastion area.
07S07W30CDC1	208	3-26	153.50	54	+4.27	-4.29	Tarry public supply.
08S05W03BAA2	180	3-28	115.17	65	+ .18	-6.56	Cummins Prison.
08S05W35ACC1	165	3-28	81.46	84	+15.46	+7.12	Gould public supply.
08S08W35DBB1	240	3-26	187.88	52	+1.81	-7.83	Yorktown public supply.
09S07W07DAD1	300	3-26	240.49	60	+2.03	-6.61	Star City public supply.
09S08W05CBD1	245	3-26	188.01	57	- .02	-1.03	Mississippi River Fuel Corp. 1983-85.
10S05W05ADB1	171	3-28	101.50	70	+ .12	-7.88	

Table 3.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Sparta Sand and Memphis Sand--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
LONOKE COUNTY							
02N09W35BBC1	234	4-10	67.64	166	-0.89	---	Anderson Fish Farm.
02S08W16BDA1	216	4-02	103.39	113	-1.44	-8.54	Coy public supply.
MONROE COUNTY							
01N03W14CCB1	172	4-03	54.15	118	-2.16	---	Clarendon public supply.
03N02W12CBC1	186	4-09	25.11	161	+ .80	-2.77	U.S. Geological Survey test well.
NEVADA COUNTY							
14S21W32DCD1	370	4-17	111.23	259	-0.03	-3.18	
OUACHITA COUNTY							
11S15W27ABD1	200	4-08	69.36	131	-1.06	-1.46	
12S16W12ADB1	159	4-08	25.83	133	- .41	-2.91	
12S18W19CDC1	235	4-08	45.97	189	-1.65	-1.57	
13S16W08CAA1	122	4-08	19.89	102	- .71	- .45	
13S18W31BDD1	242	4-08	71.23	171	- .65	-3.93	1981-85.
14S17W02ABB1	120	4-09	119.54	0	- .27	-4.80	International Paper Co. 1B.
14S17W05CAD1	157	4-09	34.54	122	+1.94	+3.66	Arkansas State Highway and Transportation Department.

Table 3.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Sparta Sand and Memphis Sand--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
OUACHITA COUNTY--Continued							
14S19W29ABB1	280	4-08	86.28	194	-0.41	-3.11	
15S16W23DAC1	170	4-09	128.47	42	-1.29	-6.37	Smackover Country Club.
15S17W20DDB1	195	4-09	128.28	67	-4.83	-13.70	
15S19W10DCC1	210	4-16	63.65	146	- .69	+5.35	Stephens public supply.
PHILLIPS COUNTY							
01S02E32DDC1	211	4-01	68.05	143	-2.08	-1.03	Marvell public supply. 1982-85.
02S04E02DBA1	250	4-01	103.07	147	-2.15	+1.82	West Helena public supply 9.
02S05E16BCB1	190	4-09	39.38	151	+ .94	+6.44	Helena Cotton Oil Co.
02S05E29CCC1	179	4-02	26.53	152	+7.24	+25.77	Arcadian Corp.
03S03E30DAA1	172	4-02	30.02	142	+2.57	+ .32	Lakeview-Wabash public supply.
04S02E25CCC1	166	4-01	31.41	135	+ .22	-2.78	Elaine public supply.
POINSETT COUNTY							
10N01E15DBB1	232	3-28	71.13	161	-1.20	-9.18	Fisher public supply
11N03E25ACC1	273	3-28	105.50	168	+ .17	-6.72	Harrisburg public supply 3.

Table 3.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Sparta Sand and Memphis Sand--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
PRAIRIE COUNTY							
01N05W19CDC1	212	4-04	121.56	90	-1.46	-11.91	
01N06W02ABB1	223	4-04	99.03	124	- .38	-5.88	
02N04W19ACB1	211	4-03	78.73	132	+ .65	- .18	
02N06W20BCB1	236	4-04	115.79	120	+ .10	-4.29	
02N06W21DAD1	235	4-03	103.94	128	+ .71	-4.54	
01S05W06BCB1	220	4-02	128.12	92	+3.60	-7.12	
01S05W20ABB1	220	4-02	138.04	82	-3.42	-13.24	
01S06W11DBD1	226	4-02	141.10	85	- .80	-9.37	
PULASKI COUNTY							
01N11W24ACD1	237	4-16	9.71	227	+1.15	+2.07	Willow Beach recreation area. 1981-85.
01N11W35BAC1	235	4-16	10.31	225	+1.44	- .25	D. D. Terry West recreation area.
02S11W02BCA1	220	4-16	20.31	200	+3.10	-5.00	Wrightsville recreation area.
02S11W29AAA1	245	4-16	27.85	217	+ .79	+4.05	Hensley-Woodson public supply.
UNION COUNTY							
16S14W15CAB1	94	4-09	126.96	-33	- .75	+3.08	Calion public supply.
16S15W20DAA1	190	4-09	275.87	-86	-2.80	-2.94	Norphlet public supply 2.
16S16W02ABC1	116	4-09	162.79	-47	-4.75	-9.53	Smackover public supply 5.
16S18W34ABC2	248	4-16	185.88	62	-2.22	---	Mt. Holly public supply 2.

Table 3.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Sparta Sand and Memphis Sand--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
UNION COUNTY--Continued							
17S12W32BBC1	230	4-10	225.46	5	+2.31	-0.07	New London Water Association.
17S13W31BAC1	216	4-10	284.88	-69	-5.11	-1.88	Lawson-Urbana.
17S14W10DCC1	180	4-10	89.00	91	+ .03	+ .21	
17S14W15ABA1	180	4-10	89.85	90	+ .13	+ .62	
17S15W18DBB1	183	4-10	328.10	-145	+6.23	-4.66	Monsanto detector well 8A (recorder).
17S15W28DBA1	235	4-09	388.62	-154	+6.59	+9.86	El Dorado public supply 8, 1982-85.
17S15W29CDC1	220	4-09	387.21	-167	+3.14	-4.33	El Dorado public supply 13.
17S15W31DCA1	272	4-09	427.05	-155	+5.99	+9.04	TOSCO.
17S15W31DCA3	269	4-09	166.80	102	- .70	+ .46	TOSCO.
17S16W24BDB1	225	4-10	354.91	-130	+4.62	+12.47	El Dorado public supply 17.
17S17W25DBA2	250	4-16	343.94	-94	-1.61	- .29	Goodwin Airport.
17S17W30DCD1	280	4-16	301.42	-21	-2.35	-12.85	Marysville Water District Assoc.
18S11W09ABC1	135	4-10	80.29	55	- .29	-3.43	
18S12W33BBB1	112	4-10	131.73	-20	+ .09	---	Strong public supply 3.
18S15W07BAC2	255	4-10	337.96	-83	-1.22	-4.49	K. Buchanan 2.
18S15W08ABB1	205	4-10	351.19	-146	+1.58	-3.91	Gay Oil Co. (W.D. Frisby).
18S15W33ADA1	253	4-10	352.58	-100	+23.46	+10.19	Faircrest public supply.
18S15W35DAC1	201	4-10	283.20	-82	-4.04	---	Faircrest Water User's Assoc.
18S16W11DAB1	270	4-10	403.22	-133	+2.31	+11.11	Parker Chapel 2.
18S16W12ACB1	303	4-10	440.79	-138	+4.16	+3.75	Parker Chapel 1. 1982-85.
18S16W28BBB1	225	4-11	312.68	-88	+3.22	-2.15	Newell-Wesson public supply 1982-85.

Table 3.—Measurements of water levels made in 1985 in wells completed in the aquifer in the Sparta Sand and Memphis Sand--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
UNION COUNTY—Continued							
18S17W13ACC1	225	4-16	305.32	-80	-2.11	-6.90	Kin Ark Oil Co.
18S17W18BBD1	270	4-16	305.42	-35	-4.95	-2.98	Shuler No. 3.
18S17W22BDD1	285	4-11	341.60	-57	- .10	-5.68	U.S. Geological Survey recorder.
19S10W16CDB1	82	4-10	72.13	10	- .17	- .46	Felsenthal public supply 1, 1982-85.
19S11W25AAA1	135	4-10	138.39	-3	-2.66	-8.79	Huttig public supply 2.
19S15W01CCA1	182	4-10	67.23	115	+ .29	-2.74	
19S16W35DDC1	175	4-10	211.68	-37	+ .12	-3.27	Junction City public supply 2.
19S18W14ADA1	260	4-11	171.13	89	-1.08	-6.42	
WOODRUFF COUNTY							
05N02W31DCB3	193	4-03	11.64	181	+2.42	+1.76	Cotton Plant public supply.

Table 4.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Cane River Formation

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
COLUMBIA COUNTY							
16S21W16BCA2	320	4-17	108.72	211	-0.59	-1.55	Waldo public supply.
DALLAS COUNTY							
09S17W28ADB1	172	4-04	112.45	60	+22.24	-1.27	Sparkman public supply.
LAFAYETTE COUNTY							
16S23W10DCA2	293	4-18	67.79	226	+2.40	+8.00	Arkansas Power and Light Co.
16S25W14DBB1	227	4-18	4.97	222	+ .51	+ .43	
19S25W13CDB2	255	4-19	111.32	144	- .46	+8.35	Bradley public supply.
MILLER COUNTY							
16S27W19AAA1	373	4-19	67.13	306	-0.43	+0.94	
16S27W31BDC1	314	4-19	28.49	286	+ .43	+ .09	
18S26W27BBA1	210	4-19	15.53	194	+1.14	+1.23	
HEMPSTEAD COUNTY							
14S24W23AAA1	372	3-29	64.17	308	+0.98	+0.23	

Table 5.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Carrizo Sand

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
DALLAS COUNTY							
08S17W18CAA1	286	4-04	46.08	240	+0.78	-7.25	
HOT SPRING COUNTY							
06S17W34ABB1	364	4-04	79.50	284	+14.26	+19.58	Texas Eastern.
JEFFERSON COUNTY							
05S08W19DCD1	205	4-15	24.25	181	-0.58	-3.42	International Paper Co.

Table 6.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Wilcox Group, including the "1,400-foot" sand

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
CLAY COUNTY							
19N07E23DCC1	280	4-03	12.37	268	+2.03	+0.88	Rector old public supply 1.
CRAIGHEAD COUNTY							
13N07E14BBA2	221	4-04	14.25	207	+1.31	+2.40	Caraway public supply 2.
14N06E27ACB2	227	4-04	18.37	209	+1.15	+1.45	Lake City public supply 2.
14N07E17DCB1	232	4-04	20.74	211	+ .28	- .37	Black Oak public supply.
CRITTENDEN COUNTY							
04N07E23BCD1	200	3-27	7.97	192	+0.36	-0.32	Snowden Plantation.
04N07E36ADB1	201	3-27	25.09	176	- .26	-6.01	Surf Club Inc.
05N07E01ABB1	207	3-27	34.52	172	-2.64	-2.42	Midway Water Association.
05N07E29ACC1	200	3-27	28.92	171	- .22	-3.30	
06N09E07CAC1	210	3-27	64.95	145	-7.53	-4.02	West Memphis public supply 5. 1983-85.
07N07E14CCC1	223	3-27	46.02	177	- .87	-1.49	Crawfordsville public supply.
07N08E24CAB1	221	3-27	45.65	175	-1.25	+1.53	Marion public supply 1, 1981-85.
08N06E33CBD1	215	3-27	32.28	183	- .37	-2.68	Earle public supply.
09N08E29ADD1	225	3-27	38.83	186	-1.16	-2.53	Turrell public supply.

Table 6.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Wilcox Group, including the "1,400-foot" sand--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
CROSS COUNTY							
09N05E07ACB1	205	3-29	15.66	189	+2.76	-1.26	Delta Farms.
GREENE COUNTY							
17N04E36DCA1	500	4-04	148.90	351	+0.54	+1.05	Western Green County Water Association
17N06E31DCB1	285	4-03	96.10	189	-5.00	+2.60	Paragould public supply 1.
LEE COUNTY							
01N04E09DCC1	204	4-09	29.52	174	-0.82	-6.05	U.S. Geological Survey test well.
LONOKE COUNTY							
04N09W28CCD1	325	4-01	52.05	273	-0.70	-8.88	E. M. Cherry.
MISSISSIPPI COUNTY							
10N08E17ADD1	225	4-01	28.80	196	-0.10	+0.27	Birdsong-Whitten Water Assoc.
11N08E10AAC1	220	4-01	19.93	200	- .29	-5.89	Dyess public supply.
11N09E33AAB1	237	4-01	37.57	199	+ .23	+ .43	Bassett public supply.
11N10E20ADA1	235	4-01	33.98	201	+ .27	-1.16	Wilson public supply.
12N09E11DBB1	230	4-02	24.65	205	- .50	-1.01	Keiser public supply.

Table 6.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Wilcox Group, including the "1,400-foot" sand--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
MISSISSIPPI COUNTY--Continued							
12N11E17CDD1	245	4-02	42.92	202	-0.52	+1.57	Cargill Inc.
13N11E08DDD1	245	4-02	33.25	212	+1.90	-1.10	Luxora public supply 1,
14N09E01DDA1	238	4-02	10.85	227	+ .75	+1.17	
14N11E20CCA1	240	4-02	24.01	216	+ .41	- .23	Burdette public supply.
15N08E08DBC1	236	4-02	8.32	228	- .32	+ .48	Leachville public supply.
15N09E31ACD1	240	4-02	24.79	215	+ .26	-1.24	Manila public supply.
15N10E01ADD1	248	4-02	20.10	228	+ .10	+ .39	Gosnell public supply.
15N11E15BDC1	255	4-02	43.11	212	+1.79	+1.59	Blytheville public supply 4, 1981-85.
16N11E22CCC1	254	4-02	22.43	231	---	---	Ark-Mo Power Co. 1982-85.
16N11E27CBA1	251	4-02	14.58	236	- .83	- .58	Yarbro public supply.
POINSETT COUNTY							
10N07E16CBB2	218	3-28	29.64	188	+1.24	+3.06	Tyronza public supply 3.
11N06E35CDA3	215	3-28	26.67	188	- .93	+4.08	Marked Tree public supply 3.
11N07E03BDD1	216	3-28	26.29	190	-1.19	-10.84	Lepanto public supply 2.
12N05E13BBB1	222	3-28	24.47	198	- .17	+1.35	Trumann public supply 1.

Table 6.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Wilcox Group, including the "1,400-foot" sand--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
			ST. FRANCIS COUNTY				
04N06E21BAD2	201	3-26	26.93	174	-0.17	-3.89	Hughes public supply 2.

Table 7.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Nacatoch Sand

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
CLARK COUNTY							
08S19W09ACC1	177	4-03	+4.8	182	+0.30	-0.10	Flowing.
09S20W16DDC1	232	4-02	85.50	146	-7.62	- .88	Arkla Chemical Corp.
09S20W32ACA1	220	4-02	35.70	184	+ .93	+1.60	Cove Lumber Co.
CLAY COUNTY							
19N04E01BDB2	280	4-02	8.68	271	-0.29	+7.75	Knobel public supply 2.
19N07E23DBC1	290	4-03	30.00	260	+1.80	-5.22	Rector public supply 1.
20N08E10ABC1	340	4-03	66.00	274	-2.51	-5.43	
20N08E28BDC1	286	4-03	17.17	269	-2.75	-4.72	Greenway public supply.
21N06E23DAC1	300	4-03	17.76	282	+ .37	-3.54	McDougal public supply.
21N09E18DBA1	295	4-03	7.45	288	- .79	-6.45	St. Francis public supply.
GREENE COUNTY							
18N06E14CCD1	292	4-04	31.19	261	-11.10	-10.27	Lafe Water District.

Table 7.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Nacatoch Sand--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
HEMPSTEAD COUNTY							
12S24W33CBD1	340	3-29	149.24	191	+17.02	+49.82	
13S25W35DDC1	373	3-29	174.58	198	+2.86	+14.87	
MILLER COUNTY							
14S28W13CCB1	266	3-29	24.91	241	+0.84	+2.39	
NEVADA COUNTY							
11S22W08DAC2	306	4-02	127.62	178	-10.62	+25.83	Prescott public supply 4.
12S22W03CAA1	233	4-02	19.69	213	+ .36	+ .11	

Table 8.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Tokio Formation

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
HEMPSTEAD COUNTY							
09S23W33CDA1	270	4-02	+2.3	272	+0.90	+0.40	Flowing.
09S26W18CBB1	424	3-28	16.81	408	- .77	+1.82	
12S24W06CDC1	355	3-29	196.10	159	-20.13	-12.29	Hope public supply 5.
12S24W06DAD1	355	3-29	194.94	160	-17.32	-5.47	Hope public supply 2.
HOWARD COUNTY							
09S28W20DAC1	480	3-28	9.50	470	-5.49	+0.24	
11S28W02CDA1	309	3-28	25.34	284	-2.06	-3.17	
NEVADA COUNTY							
11S22W08DAC1	305	4-02	155.24	150	-1.66	+4.45	Prescott public supply 1.

Table 9.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Trinity Group or Pike Gravel of Trinity Group

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
PIKE COUNTY							
08S25W17ABC1	360	3-28	3.60	355	+0.10	+0.13	Murfreesboro public supply.
SEVIER COUNTY							
08S31W26BAA1	475	3-28	2.12	473	+0.73	+3.91	Trinity Group.
09S30W23BDC4	432	3-28	77.05	355	+ .76	+1.96	Lockesburg public supply 4, Trinity Group.
09S30W23BDD1	440	3-28	70.77	369	+2.39	+10.51	Lockesburg public supply, Trinity Group.

Table 10.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Atoka Formation

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
CLEBURNE COUNTY							
09N09W34DCC1	620	4-03	110.93	509	+3.75	+5.66	

Table 11.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Jackfork Sandstone

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
			PIKE COUNTY				
07S25W18BBB1	563	3-28	10.27	553	+4.58	+7.57	U.S. Army Corps of Engineers.

Table 12.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Everton Formation

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
NEWTON COUNTY							
16N21W34ABC1	880	4-01	60.88	819	-0.85	+2.83	Jasper public supply.
SHARP COUNTY							
15N05W06DDD1	645	4-03	87.12	558	+24.71	+102.73	

Table 13.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Cotter Dolomite

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
IZARD COUNTY							
18N09W15ACA1	820	4-02	124.22	696	+11.62	-15.26	Oxford public supply.

Table 14.—Measurements of water levels made in 1985 in wells completed in the aquifer in the Roubidoux Formation

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
BENTON COUNTY							
19N28W11BAD1	1,260	4-10	189.39	1,071	+2.00	+2.24	U.S. Army Corps of Engineers.
19N29W18BBB1	1,345	4-09	208.15	1,137	-2.25	-4.26	
21N33W23ACA1	1,036	4-09	134.01	902	-7.12	-12.31	Sulphur Springs public supply.
CARROLL COUNTY							
19N23W04BAC1	1,375	4-08	226.35	1,149	+18.65	+20.04	Green Forest public supply.
21N26W17BCC1	1,010	4-08	134.10	876	+8.97	-37.35	Holiday Island public supply 1.
FULTON COUNTY							
20N09W18ACB1	960	4-02	94.30	866	+16.78	+12.88	Viola public supply, 1981-85.
IZARD COUNTY							
17N11W13BCB1	541	4-02	243.60	297	-180.81	---	Calico Rock public supply.
MARION COUNTY							
19N15W20DBB1	630	4-02	85.27	545	+3.64	+13.51	Flippin public supply.
19N16W33CCB1	840	4-01	258.88	581	+19.19	+34.72	Yellville public supply.

Table 14.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Roubidoux Formation--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
RANDOLPH COUNTY							
20N02E06AAC1	485	4-03	154.44	331	-5.85	-72.22	Maynard public supply.
SHARP COUNTY							
19N04W15BAA1	590	4-03	18.09	572	+8.27	+21.79	Ozark Acres public supply 3.

Table 15.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Gunter Sandstone member of the Gasconade Formation

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
BAXTER COUNTY							
19N13W16BAB1	740	4-02	79.64	660	+10.66	+13.91	Mountain Home public supply.
19N14W29DBC1	720	4-02	225.88	494	+76.83	+61.12	Cotter public supply.
BENTON COUNTY							
18N30W12CCC1	1,310	4-09	286.21	1,024	-1.57	-21.49	Columbia Union Orchards 1.
18N30W13DBA1	1,390	4-09	365.77	1,024	-1.29	-19.10	Columbia Union Orchards 2.
19N29W07DAB1	1,220	4-09	133.71	1,086	- .10	-13.67	Rogers public supply.
20N33W14DBC1	1,230	4-09	421.52	808	-1.32	-12.81	Gravette public supply.
BOONE COUNTY							
18N19W19BCD1	1,150	4-01	230.79	919	-3.30	-33.83	Bellefonte public supply.
18N19W33BBB1	1,300	4-08	437.01	863	+1.15	+19.82	Valley Springs Rural Water District.
CARROLL COUNTY							
19N23W08ADC1	1,325	4-08	319.78	1,005	+10.97	-77.80	Green Forest public supply.
20N26W16DCA1	1,200	4-08	124.58	1,075	+15.10	+84.17	Eureka Springs public supply,
21N26W15BAA1	1,102	4-08	133.97	968	+9.19	-20.65	Holiday Island No. 2.

Table 15.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Gunter Sandstone member of the Gasconade Formation--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
FULTON COUNTY							
19N06W23ADA1	682	4-02	204.26	478	+6.04	+21.46	Cherokee Village.
20N08W27ABD1	660	4-02	1.74	658	+20.14	+6.40	Salem public supply.
MARION COUNTY							
19N16W32ADA1	950	4-01	429.38	521	+6.07	+42.65	Summit public supply.
NEWTON COUNTY							
17N20W21BCA1	1,344	4-08	430.53	914	-6.48	-22.83	Marble Falls Estate public supply.
SHARP COUNTY							
18N06W10DCC1	655	4-03	126.77	528	-0.16	+0.61	Ash Flat public supply.
STONE COUNTY							
15N12W02BCA1	985	4-01	439.00	546	+23.13	-5.43	Fifty-Six public supply.

Table 15.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Gunter Sandstone member of the Gasconade Formation--Continued

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
WASHINGTON COUNTY							
15N31W17BBC1	1,228	4-09	157.80	1,070	-1.00	-48.20	
15N31W30CAB1	1,175	4-08	17.74	1,157	-3.36	+10.05	
16N32W09ABD1	1,135	4-09	127.72	1,007	-7.12	-16.53	U.S. Forest Service Lake Weddington.
17N29W09ABD1	1,481	4-10	401.80	1,079	+29.42	+49.51	White River Rural Water District.

Table 16.--Measurements of water levels made in 1985 in wells completed in the aquifer in the Potosi-Eminence Dolomite

Well number	Altitude of land surface (feet)	Depth to water below land surface		Altitude of water level (feet)	Net change in water level (feet)		Remarks
		Date	Feet		1984-85	1980-85	
BENTON COUNTY							
20N29W13BCA1	1,430	4-09	377.00	1,053	+4.04	-24.65	Benton County Water District public supply.
BOONE COUNTY							
20N18W20CCD1	882	4-01	217.90	664	+15.08	+7.68	Diamond City public supply 2.
CARROLL COUNTY							
20N26W23ACA1	1,296	4-08	278.23	1,018	+9.20	+192.17	Eureka Springs public supply. Not used since 1983.